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ABSTRACT OF THE DISCLOSURE

A device and method for testing the tension in a stressed cable of a concrete structure. The device includes a frame and a hydraulic jack mounted onto the frame. The hydraulic jack applies a force to the stressed cable and displaces the stressed cable laterally. A hook or clamp is connected to the hydraulic jack for grasping the stressed cable in order to apply the force thereto, and a dial gauge is mounted onto the frame for measuring the deflection of the stressed cable once the force has been applied. The amount of pre-stress within the stressed cable can be calculated by measuring the amount of deflection caused to the stressed cable by the force of the jack.

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